AEE/BTP/EPT/192/15-16 dt: 29-1-16

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final** Date……..2015

Division: **Byatarayanapura** Sub-Division: **Kodigehalli**

Bill Received No. 274 Dated 2/2/16 Divisional Cash Book Voucher No…….. Dated…….

Sub Divisional **Work Code: 007-15-000012**

Schedule Docket No. Head of Account: P1802 Est.Cost: 12.30 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate : **Maintenance of Borewell and Emergency work in water supply in ward no. 07 Byatarayanapura Limit.**

Name of Contractor and Full Address: **Sri. H R Pratap Contractor # 16, 1st main,Munikondappa Layout Nagasandra (P), Bangalore-560073.**

Reference to Agreement No.EE/BTP/EPT/W.O/256 /2014-15 /Indent no: **14505** Date:02-02-2015

Certified that the measurements were taken by me on 29-1-16 and recorded of Pages 88 to 87 of measurement Book No.1885 **/2014-15** and that the work is satisfactorily executed.

H.R. Pratap
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 29/1/16 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being ……..percent Rs…….	
3) Balance	
4) Deduct Payment:	
a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……..F & F Amount	1286830=00
adjusted towards cash advance recovery of	
b) Payments Now made – cost store or other material supplied.	
recovery of amount creditable to this/other work	IT – 12868=00 VAT – 54473=00 FD – 27210=00 LWC – 12868=00 CBJ – 1287=00
Amount paid on this bill Cheque / Cash.	
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	Total ded – 155706=00
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	By cheque – 11,31,124=00
Total amount adjusted -	

H.R. Pratap
Contractor's Signature

Received Rs…….. (in words)…….

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

1286830=00

(For use in the Office)

155706=00

Witness
1.
2.

Dated Signature of Contractor

H.R. Pratap

Stamp

Paid by me by Cheque No……Dated…….

11,31,124=00

Cash Rs……..

Dated……

Initials of Officer making payment

Executive Engineer

16/2

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
1	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.
2	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.
3	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
4	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work 12 HP Motor	No.
5	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
6	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
7	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.
8	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.
9	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.
10	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.
11	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	No.
12	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
13	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.
14	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
15	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
16	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
17	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
18	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.
19	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.
20	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.
21	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each
22	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS marketc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
23	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos
24	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
25	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.P No. 68/ I No. 4(d) 4 core 16 Sqmm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
26	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
27	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB 1-2 P-7) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
28	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
29	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	10	892.0	8920.00	10	8920.00	
-	-	10	944.0	9440.00	10	9440.00	
		10	577.0	5770.00	10	5770.00	
		10	4985.0	49850.00	10	49850.00	
		10	5300.0	53000.00	10	53000.00	
		10	4932.0	49320.00	10	49320.00	
		10	367.0	3670.00	10	3670.00	
		10	682.0	6820.00	10	6820.00	
		10	498.5	4985.00	10	4985.00	
		10	1207.0	12070.00	10	12070.00	
		10	131.0	1310.00	10	1310.00	
		10	157.0	1570.00	10	1570.00	
		550	183.5	100925.00	550	100925.00	
		530	446.0	236380.00	530	236380.00	
		10	467.0	4670.00	10	4670.00	
		10	157.0	1570.00	10	1570.00	
		10	997.0	9970.00	10	9970.00	
		10	1417.0	14170.00	10	14170.00	
		10	157.5	1575.00	10	1575.00	
		10	262.5	2625.00	10	2625.00	
		10	997.0	9970.00	10	9970.00	
		600	392.0	235200.00	600	235200.00	
		80	135.0	10800.00	80	10800.00	
		800	158.0	126400.00	800	126400.00	
		100	158.0	15800.00	100	15800.00	
		100	8.5	850.00	100	850.00	
		100	63.0	6300.00	100	6300.00	
		32	252.0	8064.00	32	8064.00	
		8	272.0	2176.00	8	2176.00	

30	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, etc., complete and as per the directions of the Engineer-in-charge of the work	No.
31	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete and as per the directions of the Engineer-in-charge of the work	No.
32	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	No.
33	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
34	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each
35	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
36	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
37	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm
38	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work Hard Soil	Cum
39	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr
40	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
41	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm
	Total	

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

		3	2046.0	**6138.00**	3	6138.00	
		20	105.0	**2100.00**	20	2100.00	
		3	1170.0	**3510.00**	3	3510.00	
		3	211.0	**633.00**	3	633.00	
		12	84.0	**1008.00**	12	1008.00	
		3	367.0	**1101.00**	3	1101.00	
		3	1050.0	**3150.00**	3	3150.00	
		41250	0.34	**14025.00**	41250	14025.00	
		303.75	197.0	**59838.75**	303.75	59838.75	
		900	165.0	**148500.00**	900	148500.00	
		303.75	64.0	**19440.00**	303.75	19440.00	
		20	1661.0	**33220.00**	20	33220.00	
				1286833.75		**1286833.75**	

29/1/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.